

# Product data sheet

Specifications



braking resistor, Altivar, 1.4Ohms, 1.5kW, IP23

VW3A7738

⚠ Discontinued on: Jul 15, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

⚠ Discontinued

## Main

|                                |                        |
|--------------------------------|------------------------|
| Range of Product               | Altivar                |
| Range Compatibility            | Altivar Process ATV900 |
| Product or Component Type      | Braking resistor       |
| Ohmic value                    | 1.4 Ohm                |
| [Ue] rated operational voltage | 24 V DC<br>250 V AC    |

## Complementary

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility   | Variable speed drive ATV930 wall mount 55 kW 200...240 V light cycle<br>Variable speed drive ATV930 wall mount 75 kW 200...240 V light cycle                              |
| Duty cycle              | Light cycle (heavy duty) <0.8 s braking with 150 % braking torque for a 40 s cycle<br>Light cycle (normal duty) <0.8 s braking with 120 % braking torque for a 40 s cycle |
| Average power available | 1.5 kW 122 °F (50 °C)                                                                                                                                                     |
| Electrical connection   | terminal <= 2.5 mm² / AWG 12 temperature control switch<br>M12 bar wire drive                                                                                             |
| Protection type         | Thermal protection via drive or temperature control switch 120 °C                                                                                                         |
| Width                   | 21.3 in (540 mm)                                                                                                                                                          |
| Height                  | 17.5 in (445 mm)                                                                                                                                                          |
| Depth                   | 17.7 in (450 mm)                                                                                                                                                          |
| Product Weight          | 37.5 lb(US) (17 kg)                                                                                                                                                       |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| IP Degree of Protection               | IP23                       |
| Ambient Air Temperature for Storage   | -13...158 °F (-25...70 °C) |
| Ambient air temperature for operation | 32...122 °F (0...50 °C)    |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1CP4E22209  |
| Discount Schedule | CP4E          |
| GTIN              | 3606480802324 |
| Returnability     | No            |

## Packing Units

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                        |                       |
|------------------------|-----------------------|
| Unit Type of Package 1 | PCE                   |
| Nbr. of units in pkg.  | 1                     |
| Package 1 Height       | 17.5 in (44.5 cm)     |
| Package 1 Width        | 17.7 in (45.0 cm)     |
| Package 1 Length       | 21.3 in (54.0 cm)     |
| Package weight(Lbs)    | 66.1 lb(US) (30.0 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances  |                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive         | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                          |
| California proposition 65 | <b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

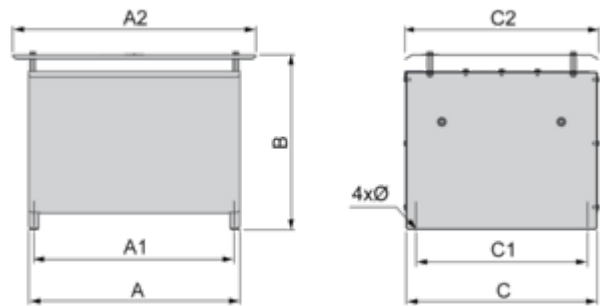
### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Dimensions Drawings

Dimensions

Right Side and Front View



Dimensions in mm

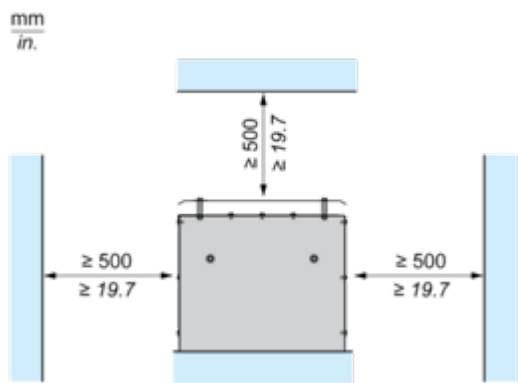
| A   | B   | C   | A1  | C1  | A2  | C2  | Ø      |
|-----|-----|-----|-----|-----|-----|-----|--------|
| 330 | 445 | 485 | 310 | 380 | 450 | 540 | 9 x 12 |

Dimensions in in.

| A     | B     | C     | A1    | C1    | A2    | C2    | Ø           |
|-------|-------|-------|-------|-------|-------|-------|-------------|
| 12.99 | 17.52 | 19.09 | 12.20 | 14.96 | 17.71 | 21.26 | 0.35 x 0.47 |

Mounting and Clearance

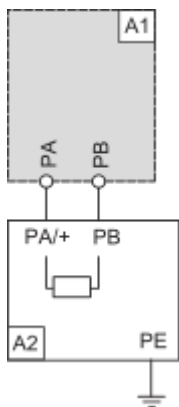
Clearances



Connections and Schema

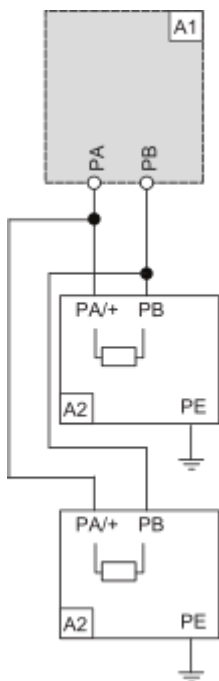
Recommended Schema

1 Braking Resistor



A1 : Drive or external braking unit  
A2 : Braking resistor  
PA, PB : Bus DC

2 Braking Resistors



A1 : Drive or external braking unit  
A2 : Braking resistor  
PA, PB : Bus DC